

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



MINNESOTA AGRICULTURAL  
STATISTICS SERVICE  
MN and U.S. Depts. of Agriculture  
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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

CORN HARVEST UNDERWAY

Favorable weather conditions allowed producers to begin harvesting corn, according to the Minnesota Agricultural Statistics Service. Soybean and other fall crops harvest are progressing well, while conditions continue to improve.

The average temperature for the week was 52.8 degrees, 2.4 degrees above normal. Statewide topsoil moisture supplies as of October 8<sup>th</sup> were rated 2% short, 81% adequate, and 17% surplus.

Corn condition was rated 65% good to excellent, compared to last weeks rating of 60%. Soybeans were rated 47% in good to excellent condition, unchanged from last week.

Soybeans were 83% mature, behind the five year average of 97%.

Corn harvesting is 4% complete compared to 33% last year and 25% for the five year average. Soybeans were 42% harvested compared to 83% last year and 70% for the five year average.

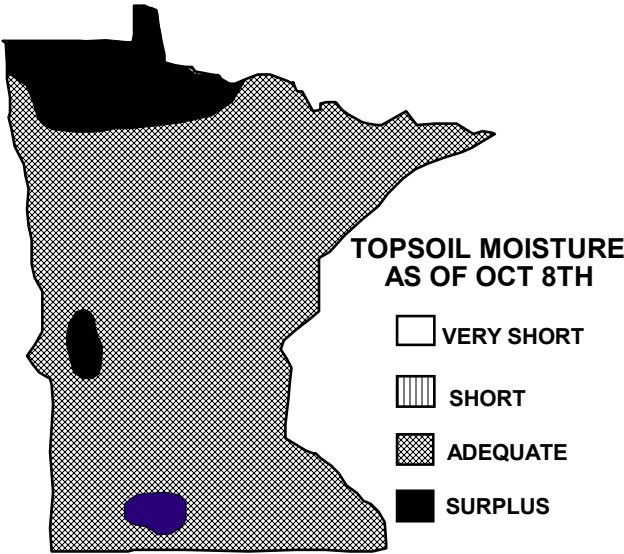
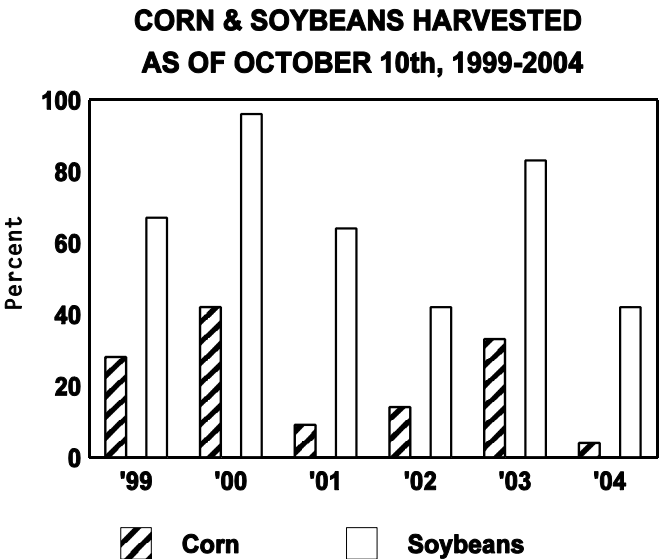
Field corn for silage was 82% chopped, below the five year average of 98%.

Potatoes were 79% harvested, compared to the five year average of 80%.

Sweet corn and canola harvest were nearly complete at 99% harvested.

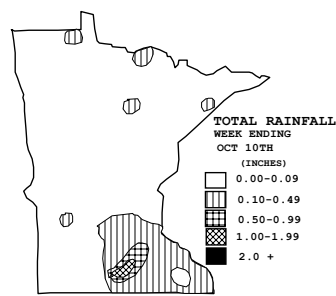
Sugarbeets were 55% harvested compared to 67% last year and 66% for the five year average.

Days Suitable for Fieldwork : 5.7					
		Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)		0	2	81	17
Crop Progress as of October 10, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Mature	83	36	99	97
	Harvested	4	NA	33	25
	Moisture Content	27	NA	19	21
Field Corn	Cut for Silage	82	57	99	98
Soybeans	Dropping Leaves	99	84	99	99
	Mature	83	55	99	97
	Harvested	42	20	83	70
	Moisture Content	12	NA	11	12
Potatoes	Harvested	79	66	84	80
Canola	Harvested	99	88	99	99
Dry Beans	Harvested	62	43	93	86
Sweet Corn	Harvested	99	92	99	99
Sugarbeets	Harvested	55	24	67	66
Sunflowers	Harvested	16	NA	25	22
Crop Condition as of October 8 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	2	9	33	48	8
Dry Beans	25	16	36	21	2
Corn	3	5	27	49	16
Soybeans	4	11	38	41	6
Sunflowers	10	18	41	30	1
Sugarbeets	1	2	23	62	12



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 10, 2004:

Temperatures averaged from 0.7 degree above normal in the Southeast District to 3.5 degrees above normal in the North Central District. Extremes: 81° in Moorhead, Grand Rapids; 22° in Moorhead. Precipitation averaged from 0.55 inch below normal in the Northeast District to 0.27 inch above normal in the South Central District. Greatest weekly total was 1.26 inches.



Precipitation and Temperature Summary for 10/4/2004 through 10/10/2004

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since 4/1	Since Apr 29	Depart from Norm
<u>NW DIST 1</u>										
Crookston	79	23	51.1	2.4	.01	-.45	1.10	6.65	1859	-442
Moorhead	81	22	55.8	5.9	0	-.48	-.08	2.34	2139	-280
Warroad	77	23	48.1	1.6	.36	-.10	.87	7.62	1648	-335
<u>NC DIST 2</u>										
Grand Rapids	81	25	51.0	3.2	.11	-.56	1.05	.24	1932	-77
Intl. Falls	77	27	49.4	3.6	.43	-.08	1.07	1.86	1570	-290
Itasca	77	25	49.3	3.6	.01	-.62	3.10	1.28	1749	-119
<u>NE DIST 3</u>										
Duluth	76	28	51.5	4.1	.06	-.57	-.00	-3.61	1563	-226
Grand Marais	65	33	47.3	-.7	.04	-.61	-.76	-2.99	1085	-333
Hibbing	77	24	47.4	1.3	.03	-.60	-.77	-5.69	1649	-177
Isabella	75	24	47.6	1.2	.28	-.42	-.11	-2.75	1369	-512
<u>WC DIST 4</u>										
Alexandria	77	30	53.8	4.2	0	-.53	2.97	.74	2040	-283
Browns Valley	80	25	56.0	4.8	.02	-.39	2.70	m	m	m
Canby	79	29	56.0	2.6	0	-.50	1.82	4.00	2464	-264
Fergus Falls	78	25	51.5	1.9	0	-.48	4.00	8.71	2122	-232
Montevideo	79	27	55.2	3.6	.19	-.27	3.64	8.36	2326	-192
Morris	79	27	52.3	1.7	.03	-.51	4.59	4.30	2154	-340
<u>CENT DIST 5</u>										
Becker	79	30	54.0	4.2	.07	-.46	2.45	6.65	2303	-4
Hutchinson	79	32	54.2	2.3	.15	-.28	2.45	4.98	2433	-165
Olivia	79	29	54.0	2.6	.06	-.41	3.53	4.62	2355	-199
St. Cloud	80	28	53.2	3.6	.06	-.48	2.68	2.37	2219	-71
Staples	77	25	50.0	1.2	0	-.61	3.30	5.26	1877	-214
Willmar	78	31	53.4	2.2	0	-.52	1.64	4.20	2317	-203
<u>EC DIST 6</u>										
Aitkin	77	26	50.0	2.0	0	-.59	-.31	-3.66	1872	-84
Forest Lake	79	28	54.8	1.3	.01	-.59	.10	m	m	m
MSP Airport	78	33	56.5	3.5	.28	-.20	1.59	-.68	2594	-116
St. Paul - UofM	78	31	58.4	3.3	0	-.59	1.36	-.66	2656	-185
<u>SW DIST 7</u>										
Lamberton	78	29	54.6	2.4	.03	-.44	2.99	6.29	2415	-216
Pipestone	74	24	53.4	2.4	.06	-.48	2.40	4.47	2315	-210
Redwood Falls	79	28	54.8	1.1	.02	-.42	2.84	8.08	2486	-314
Worthington	74	27	53.7	2.7	.07	-.39	5.54	8.07	2387	-75
<u>SC DIST 8</u>										
Faribault	78	31	54.2	1.8	.78	.25	2.79	7.32	2424	-130
Mankato	80	31	55.0	2.5	.24	-.33	3.40	9.52	2449	-180
Waseca	79	29	54.6	2.6	1.26	.68	5.20	10.87	2493	-76
Winnebago	78	29	54.8	2.3	1.02	.47	6.94	10.41	2457	-172
<u>SE DIST 9</u>										
Preston	77	24	51.3	-.7	.09	-.48	2.52	10.15	2319	-109
Red Wing	79	31	54.7	2.1	.26	-.29	1.51	2.57	2472	-144
Rochester	78	29	53.5	2.3	.04	-.48	3.56	9.57	2314	-72
Rosemount	78	29	53.8	1.3	.19	-.40	2.33	.87	2424	-73
Winona	80	32	54.0	-.9	.12	-.41	3.45	9.15	2564	-324

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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